

# Power Cost Memorandum Fuel Cost Update

Date: **June 2, 2022**

Utility Name (Cert. No.) <b>St. George Municipal Electric Utility (410)</b>	Utility File No. <b>PC21-0316M</b>	Date Filed: <b>May 3, 2022</b>
--	---------------------------------------	-----------------------------------

PCE AMOUNT SUMMARY	Previously Approved PC21-0316L	Staff Recommended Amount(s) and Effective Date PC21-0316M
Class Rate	<u>Date Approved:</u> July 1, 2021	June 3, 2022
Residential	\$0.7338	\$0.7597
Community Facilities	\$0.7338	\$0.7597
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <span style="float: right;"><input type="checkbox"/> Interim   <input checked="" type="checkbox"/> Permanent</span>		

Prior Fuel Purchase Price: \$ 6.8400	New Fuel Purchase Price: \$ 8.9421
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>n/a</u>	Surcharge Change: Previous <u>n/a</u> Updated <u>n/a</u>

Signed: *Brenda Cox*  
Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 6/2/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Doyle				
Kurber		<i>KKL</i>		
Sullivan		<i>JS</i>		
Wilson		<i>JWW</i>		

*Special Instructions to Staff:*

\* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# ST. GEORGE MUNICIPAL ELECTRIC UTILITY

POWER COST EQUALIZATION CALCULATION  
FOR TEST PERIOD ENDING DECEMBER 31, 2015  
**Fuel Cost Update**

	PC21-0316L		PC21-0316M
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	606,929	606,929	606,929
B. Total kWh Sold (Appendix 2)	503,868	503,868	503,868
C. Total Non-Fuel Costs (Appendix 2)	149,847	149,847	149,847
<b>D. Non-Fuel Cost/kWh (C / B)</b>	<b>\$0.2974</b>	<b>\$0.2974</b>	<b>\$0.2974</b>
E. Total Fuel Costs (Appendix 2)	340,242	444,809	444,809
<b>F. Fuel Costs/kWh (E / B)</b>	<b>\$0.6753</b>	<b>\$0.8828</b>	<b>\$0.8828</b>
G. Eligible Costs/kWh (D + F)	\$0.9727	\$1.1802	\$1.1802
H. Eligible Cost/kWh (G) less base rate in effect	\$0.7724	\$0.9799	\$0.9799
I. Lesser of (H) or 79.97 cents/kWh	\$0.7724	\$0.7997	\$0.7997
J. Average Class Rates (Appendix 3)			
Residential	\$0.7997	\$0.7997	\$0.7997
All Others	\$0.9497	\$0.9497	\$0.9497
Class Power Cost Equalization Per kwh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.7338	\$0.7597	\$0.7597
Community Facilities	\$0.7338	\$0.7597	\$0.7597
<b>L. Funding Level in Effect</b>	100%	100%	100%
<b>Residential</b>	<b>\$0.7338</b>	<b>\$0.7597</b>	<b>\$0.7597</b>
<b>Community Facilities</b>	<b>\$0.7338</b>	<b>\$0.7597</b>	<b>\$0.7597</b>

# ST. GEORGE MUNICIPAL ELECTRIC UTILITY

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY  
FOR TEST PERIOD ENDING DECEMBER 31, 2015

## Fuel Cost Update

				PC21-0316L		PC21-0316M
				Prior Commission Approval	Per Utility	Staff Recommended
<b>Non-Fuel Costs:</b>						
A.	Personnel Costs			96,821	96,821	96,821
B.	Operating Expense			7,734	7,734	7,734
C.	General & Administrative			34,890	34,890	34,890
D.	Depreciation & Amortization			10,402	10,402	10,402
E.	Interest Expense			0	0	0
F.	Other (Describe)			0	0	0
<b>G.</b>	<b>Total Non-Fuel Costs</b>			<b>\$149,847</b>	<b>\$149,847</b>	<b>\$149,847</b>
<b>Fuel Costs:</b>						
H.	Gallons Consumed for Electric Generation			49,743	49,743	49,743
I.	Most Recent Price	\$8.9421		\$6.8400	\$8.9421	\$8.9421
J.	Date Purchased	4/8/22				
K.	(H x I)			\$340,242	\$444,809	\$444,809
L.	kWh Sales			503,868	503,868	503,868
M.	kWh Station Service			30,230	30,230	30,230
N.	Efficiency	≥	<u>Standard</u> 11.5	12.20	12.20	12.20
O.	kWh Generated/Gallons consumed					
O.	Line Loss	≤	12%	12.00%	12.00%	12.00%
(kWh Generated -(kWh Sold+ Station Service))/ kWh Generated						

# ST GEORGE ELECTRIC MUNICIPAL UTILITY

## Calculation of Average Class Rate per kWh

Rate Schedule: Residential

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 /kWh
500	1.0000	0.0000	1.0000	500.00	1.0000	0.7997
500				500.00	1.0000	0.7997
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 /kWh
500		0.0000	0.0000	0.00	0.0000	
500				0.00	0.0000	
TOTAL (A)						(E)

## Computation of Community Facilities Average Rate

Rate Schedule: Community Facilities

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 /kWh
0 to ∞	1.1500	0.0000	1.1500	0.9497
Next to				
Next to				
Next to				
Next to				

Signature: 

Email: bob.pickett@alaska.gov

Signature:   
Keith Kurber II (Jun 2, 2022 08:20 AKDT)

Email: keith.kurber@alaska.gov

Signature:   
Daniel Sullivan (Jun 2, 2022 08:30 AKDT)

Email: daniel.sullivan@alaska.gov

Signature:   
Janis W. Wilson (Jun 2, 2022 16:40 AKDT)

Email: janis.wilson@alaska.gov